

cx

Rio Algom Mining LLC

May 29, 2009

Ms. Jenaie Franke
EPA Region 6 (6WQ-NP)
Water Programs
1445 Ross Avenue
Dallas, Texas 75202-2733

6WQ-NP

PLANNING & ANALYSIS BRANCH
5/29/09 11:05 AM

Re: Termination of Internal Outfall 001A
Rio Algom Mining LLC
NPDES Permit No. NM0020532

Dear Ms. Franke:

Rio Algom Mining LLC (RAM) is in the advanced stages of final reclamation of its Ambrosia Lake facility near Grants, New Mexico. RAM is currently requesting that DMR reporting for Outfall 001A be terminated and the associated equipment removed.

Internal Outfall 001A Outfall 001A was an intermittent outfall used to monitor potential discharge from a barium chloride ($BaCl_2$) treatment process for radium removal. As such, it was permitted to discharge mine drainage, surface and ground water reclamation waste water, and storm water to Outfall 001. The $BaCl_2$ treatment process has not been utilized for three (3) years. The two (2) ponds that were used in the treatment process upstream of Outfall 001A were removed in May 2009. There is currently no potential for flow through this system.

External Outfall 001 Outfall 001 is an intermittent outfall permitted to discharge mine drainage, surface and ground water reclamation waste water, and storm water to an unnamed ditch, which drains to Arroyo el Puerto, thence to San Mateo Creek. Reporting and potential use of Outfall 001 will remain intermittently active.

Please contact me if you need additional information for this request. My telephone extension is 15; and my email address is: Chuck.Wentz@bhpbilliton.com.

Sincerely,


Chuck Wentz
Environmental Department Supervisor/RSO
Rio Algom Mining LLC

Attachment: Page 4 of Permit NO. NM0020532

SEP 2009

P.O. Box 218, Grants, NM USA 87020 - Tel: 505.287.8851 - Fax: 505.285.5550

2/28/09
2/1/06 - 1/3/07

A. EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS
INTERNAL OUTFALL 001A

Discharge Type: Intermittent
 Latitude 35° 22' 35" N, Longitude 107° 48' 21" W

During the period beginning the effective date of the permit and lasting through the expiration date of the permit (unless otherwise noted),

the permittee is authorized to discharge mine drainage, surface and ground water reclamation waste water, and storm water to Outfall 001.

Such discharges shall be limited and monitored by the permittee as specified below:

<u>CHEMICAL/PHYSICAL/BIOCHEMICAL</u>				
<u>PARAMETERS/STORET</u>	<u>DISCHARGE LIMITATIONS/REPORTING REQUIREMENTS</u>			
	<u>QUANTITY/LOADING</u>		<u>QUALITY/CONCENTRATION</u>	
	<u>(LBS/DAY UNLESS STATED)</u>		<u>(mg/L UNLESS STATED)</u>	
	Monthly Average	Daily Maximum	Monthly Average	Daily Maximum
Chemical Oxygen Demand STORET: 00340	N/A	N/A	Report	Report
Dissolved Radium 226 (pCi/L) STORET: 09503	N/A	N/A	Report	Report
Total Radium 226 (pCi/L) STORET: 09501	N/A	N/A	Report	Report
Total Uranium STORET: 22706	N/A	N/A	Report	Report
Total Zinc STORET: 01092	N/A	N/A	Report	Report

<u>PARAMETERS/STORET CODES</u>	<u>MONITORING REQUIREMENTS</u>	
	<u>FREQUENCY OF ANALYSIS</u>	<u>SAMPLE TYPE</u>
Chemical Oxygen Demand STORET: 00340	1/Month (*1)	Grab
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PLANNING & ANALYSIS BRANCH

7/29/2011 11:00 AM

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Chuck Wentz
Environmental Department Supervisor/RSO
Rio Algom Mining LLC

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OCT 13 2009

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